

IMAGING CHAIN FOR DIGITAL TOMOSYNTHESIS ON A FLAT PANEL DETECTOR

ABSTRACT OF THE DISCLOSURE

A method of creating and displaying images resulting from digital tomosynthesis
5 performed on a subject using a flat panel detector is disclosed. The method includes
the step of acquiring a series of x-ray images of the subject, where each x-ray image is
acquired at different angles relative to the subject. The method also includes the
steps of applying a first set of corrective measures to the series of images,
reconstructing the series of images into a series of slices through the subject, and
10 applying a second set of corrective measures to the slices. The method further
includes the step of displaying the images or slices according to at least one of a
plurality of display options.